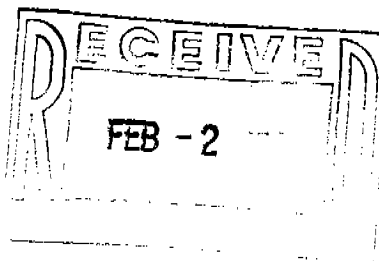




BPA Environmental & Engineering, Inc.

John E. Palmer, P.G.
E.W. Scarlett, Jr., P.G.
R. Edward Hedgecock, P.E., P.G.

2641-G Randleman Road
Greensboro, NC 27406-5159
(336) 272-9713



January 29, 1999

Mr. Gene Mao
Guilford County Dept. of Public Health
1100 E. Wendover Avenue
Greensboro, NC 27405

Re: Well Abandonment Records
Hall Property, Jamestown, NC
GW Incident No. 10002
MW Permit No. 113-97-MW-RWO
BPA No. 0405.002

GW
Hall-5
105 ...
...

Dear Gene:

We understand that the State required the Hall's abandon the monitoring wells at the subject property as a condition of the No Further Action letter sent to Mrs. Hall. On January 28, 1999, personnel from BPA Environmental & Engineering, Inc. abandoned monitoring wells MW-1 through MW-5 and MW-7. Monitoring well MW-6, located along the road right-of-way, has apparently been destroyed or covered beyond recognition. We spent approximately 45 minutes looking for the well and could not find it. The well abandonment records and a site map are attached.

If you have any questions, please call me.

Sincerely yours,

BPA ENVIRONMENTAL & ENGINEERING, INC.

John M. Stewart, P.G.

cc: M. Hall
M. Tester

ALLEN P. SMITH PROPERTY
(UNDEVELOPED)

APPROX. PROPERTY BOUNDARY

JOHN W. BLANCHARD PROPERTY
(FORMER CONVENIENCE STORE)

SAMUEL S. AND SHIRLEY B.
MCKAREM PROPERTY
(FORMER GAS STATION)

FORMER
DIESEL
FUEL
USTs

FORMER
KEROSENE AND
USED OIL USTs

FORMER
GASOLINE
USTs

DILLON'S
CITGO

OAKDALE ROAD

EXISTING
GASOLINE USTs

THOMAS C. RAGSDALE, JR.
AND JOHN R. RAGSDALE
PROPERTY

FRAME
SHOP

MARY E. RAGSDALE
PROPERTY

EXPLANATION



-- APPROXIMATE LOCATION
OF MONITORING WELL



-- FORMER LOCATION
OF CLOSED USTs



-- LOCATION OF
CURRENT USTs



-- AREA COVERED BY
PAVEMENT



-- FORMER FUEL PIPELINE



-- EXISTING FUEL PIPELINE

APPROX.
NORTH

0 60
FEET

REF.: GUILFORD COUNTY TAX MAP 94-7039,
JAMESTOWN TOWNSHIP AND SITE
VISITS BY GEONETICS PERSONNEL



GEONETICS CORPORATION

P.O. Box 1577 Boone, North Carolina 28607
704/265-1577

**HAROLD HALL PROPERTY
JAMESTOWN, NORTH CAROLINA**

JOB NO.
11594

SITE PLAN

FIGURE 3

KCS 9/22/94

North Carolina
Department of Environment and Natural Resources
Division of Water Quality
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

MW-1

WELL ABANDONMENT RECORD

CONTRACTOR BPA Environmental & Engineering, Inc. REG. NO. _____

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: Jamestown County Guilford

106 Main Street, Jamestown, NC

(Road, Community, Subdivision, Lot No.)

Quadrangle No. _____

2. OWNER: Martha Hall

3. ADDRESS: P.O. Box 396, Jamestown, NC 27282

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat
installed

5. USE OF WELL: Monitoring DATE: 1/14/93

6. TOTAL DEPTH: 27.0 DIAMETER: 2-inch PVC

7. CASING REMOVED: None

feet

diameter

8. SEALING MATERIAL:

Neat cement

bags of cement 1

*96 lb. bag of grout

gals. of water 6

Sand cement

bags of cement _____

yds. of sand _____

gals. of water _____

Other

Type material _____

Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

Grout was mixed w/ water. Grout material

was then tremied down a 1-inch PVC pipe

which extended to the bottom of the well.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

See Attached Well Construction Diagram

I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent

John M. Stewart

Date

1/28/99

WELL LOCATION:

Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Water Quality, one copy to the Driller, and one copy to the owner.

WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502

PROJECT NUMBER: 11594

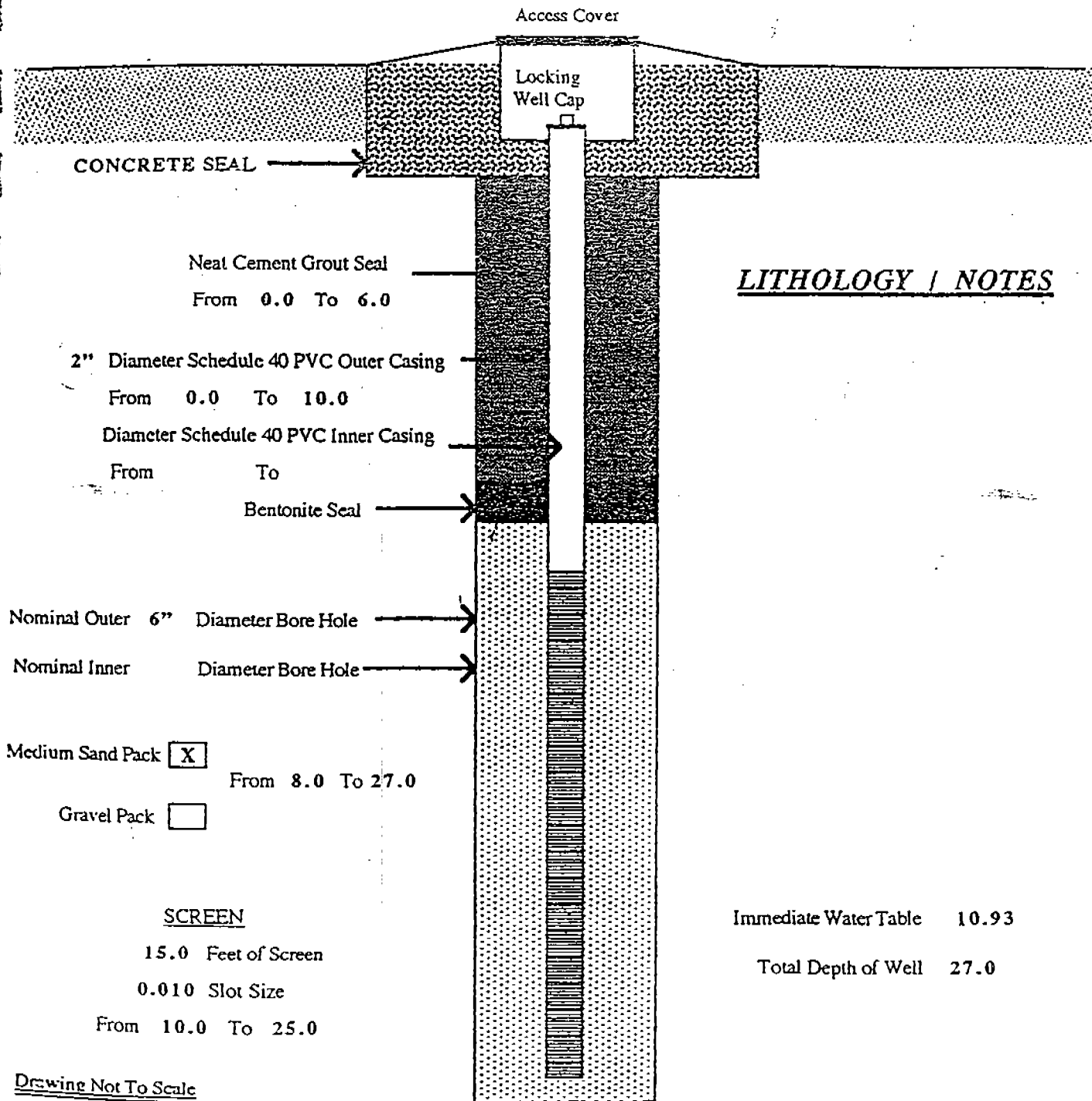
WELL NUMBER: MW-1

INSTALLATION DATE: 1/14/93

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford



North Carolina
Department of Environment and Natural Resources
Division of Water Quality
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

MW-2

WELL ABANDONMENT RECORD

CONTRACTOR BPA Environmental & Engineering, Inc. REG. NO. _____

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: Jamestown County Guilford

106 Main Street, Jamestown, NC

(Road, Community, Subdivision, Lot No.)

Quadrangle No. _____

2. OWNER: Martha Hall

3. ADDRESS: P.O. Box 396, Jamestown, NC 27282

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat
installed

5. USE OF WELL: Monitoring DATE: 1/14/93

6. TOTAL DEPTH: 20.0 DIAMETER: 2-inch PVC

7. CASING REMOVED: None

feet

diameter

8. SEALING MATERIAL:

Neat cement

bags of cement 1

*96 lb. bag of grout

gals. of water 6

Sand cement

bags of cement _____

yds. of sand _____

gals. of water _____

Other

Type material _____

Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

Grout was mixed w/ water. Grout material

was then tremied down a 1-inch PVC pipe
which extended to the bottom of the well.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

See Attached Well Construction Diagram

I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Joh M. Stewart Date 1/28/99

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Water Quality, one copy to the Driller, and one copy to the owner.

WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502 PROJECT NUMBER: 11594

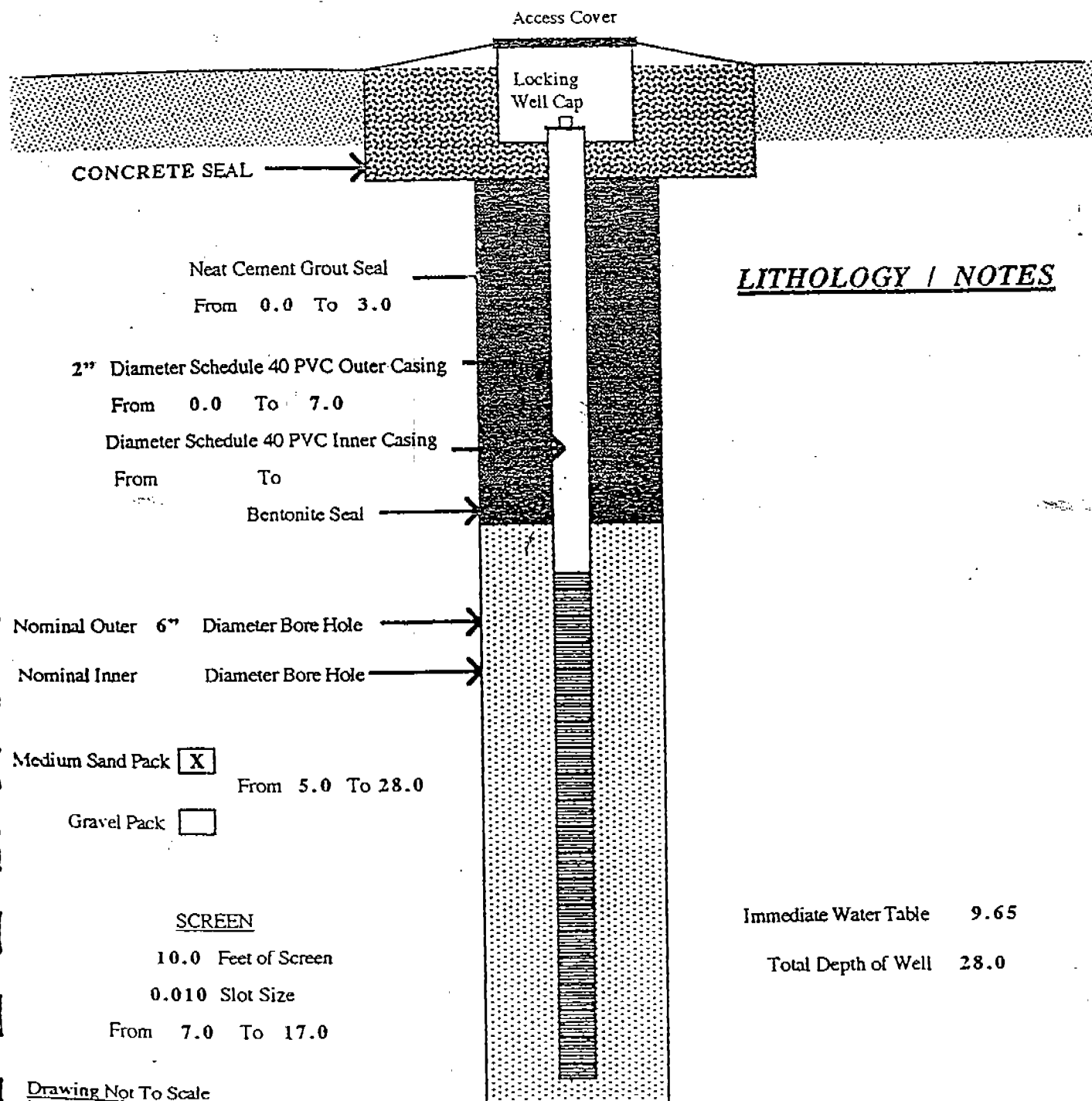
WELL NUMBER: MW-3

INSTALLATION DATE: 1/14/93

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford



North Carolina
Department of Environment and Natural Resources
Division of Water Quality
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

MW-4

WELL ABANDONMENT RECORD

CONTRACTOR BPA Environmental & Engineering, Inc. REG. NO. _____

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: Jamestown County Guilford

106 Main Street, Jamestown, NC

(Road, Community, Subdivision, Lot No.)

Quadrangle No. _____

2. OWNER: Martha Hall

3. ADDRESS: P.O. Box 396, Jamestown, NC 27282

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat
installed

5. USE OF WELL: Monitoring DATE: 1/14/93

6. TOTAL DEPTH: 16.0 DIAMETER: 2-inch PVC

7. CASING REMOVED: None

feet

diameter

8. SEALING MATERIAL:

Neat cement

bags of cement 1

*96 lb. bag of grout

gals. of water 6

Sand cement

bags of cement _____

yds. of sand _____

gals. of water _____

Other

Type material _____

Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

Grout was mixed w/ water. Grout material

was then tremied down a 1-inch PVC pipe

which extended to the bottom of the well.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

See Attached Well Construction Diagram

I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent

J. M. Stewart

Date 1/28/99

WELL LOCATION:

Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Water Quality, one copy to the Driller, and one copy to the owner.

WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502 PROJECT NUMBER: 11594

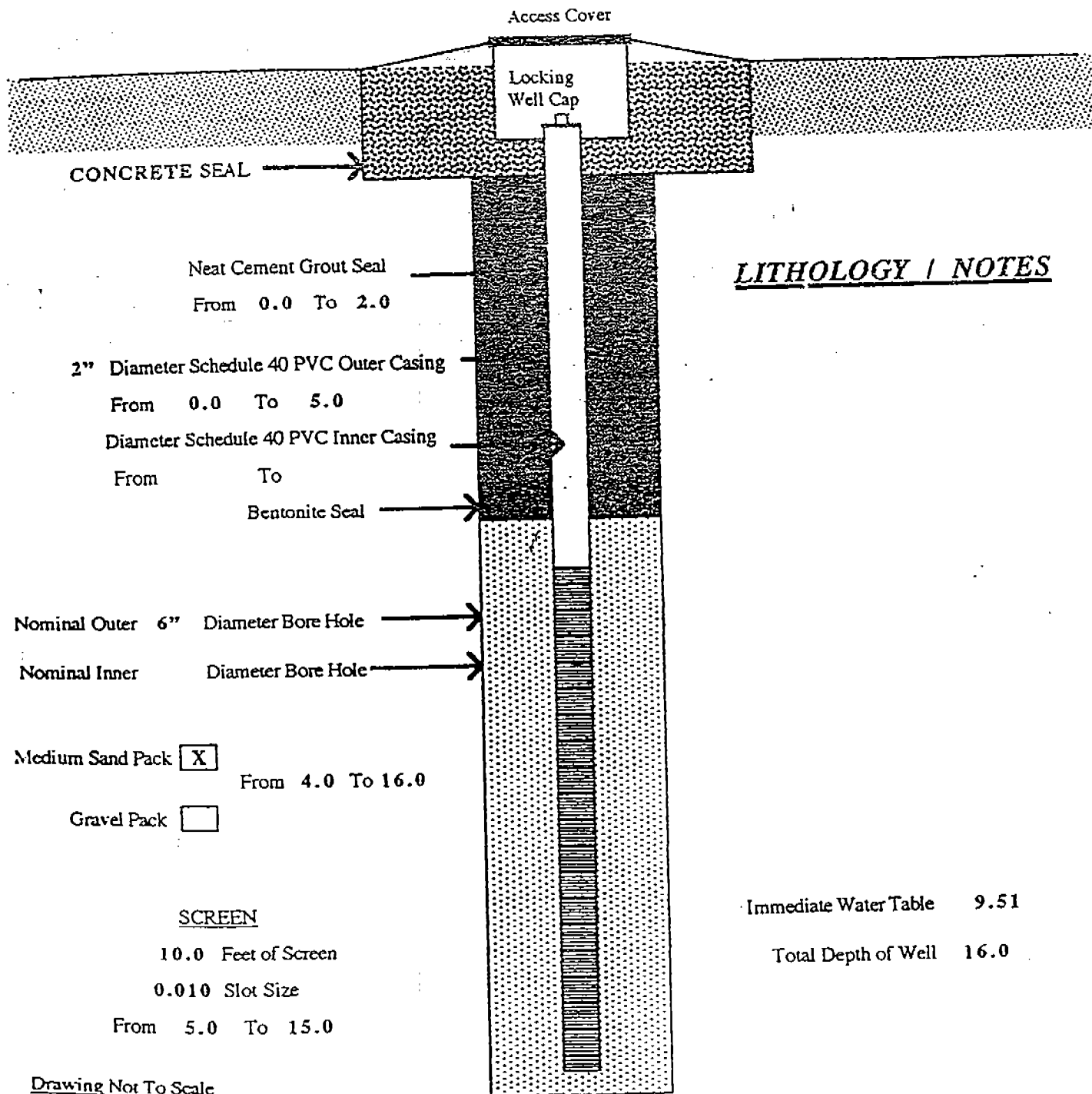
WELL NUMBER: MW-4

INSTALLATION DATE: 9/29/93

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford



North Carolina
Department of Environment and Natural Resources
Division of Water Quality
Groundwater Section

P.O. Box 29578 - Raleigh, N.C. 27626-0578

MW-5

WELL ABANDONMENT RECORD

CONTRACTOR BPA Environmental & Engineering, Inc. REG. NO. _____

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: Jamestown County Guilford

106 Main Street, Jamestown, NC

(Road, Community, Subdivision, Lot No.)

Quadrangle No. _____

2. OWNER: Martha Hall

3. ADDRESS: P.O. Box 396, Jamestown, NC 27282

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat
installed

5. USE OF WELL: Monitoring DATE: 1/14/93

6. TOTAL DEPTH: 17.0 DIAMETER: 2-inch PVC

7. CASING REMOVED: None

feet

diameter

8. SEALING MATERIAL:

Neat cement
bags of cement 1
*96 lb. bag of grout
gals. of water 6

Sand cement
bags of cement _____
yds. of sand _____
gals. of water _____

Other

Type material _____

Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

Grout was mixed w/ water. Grout material

was then tremied down a 1-inch PVC pipe
which extended to the bottom of the well.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

See Attached Well Construction
Diagram

I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent J. M. Stewart Date 1/28/99

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Water Quality, one copy to the Driller, and one copy to the owner.

WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502 PROJECT NUMBER: 11594

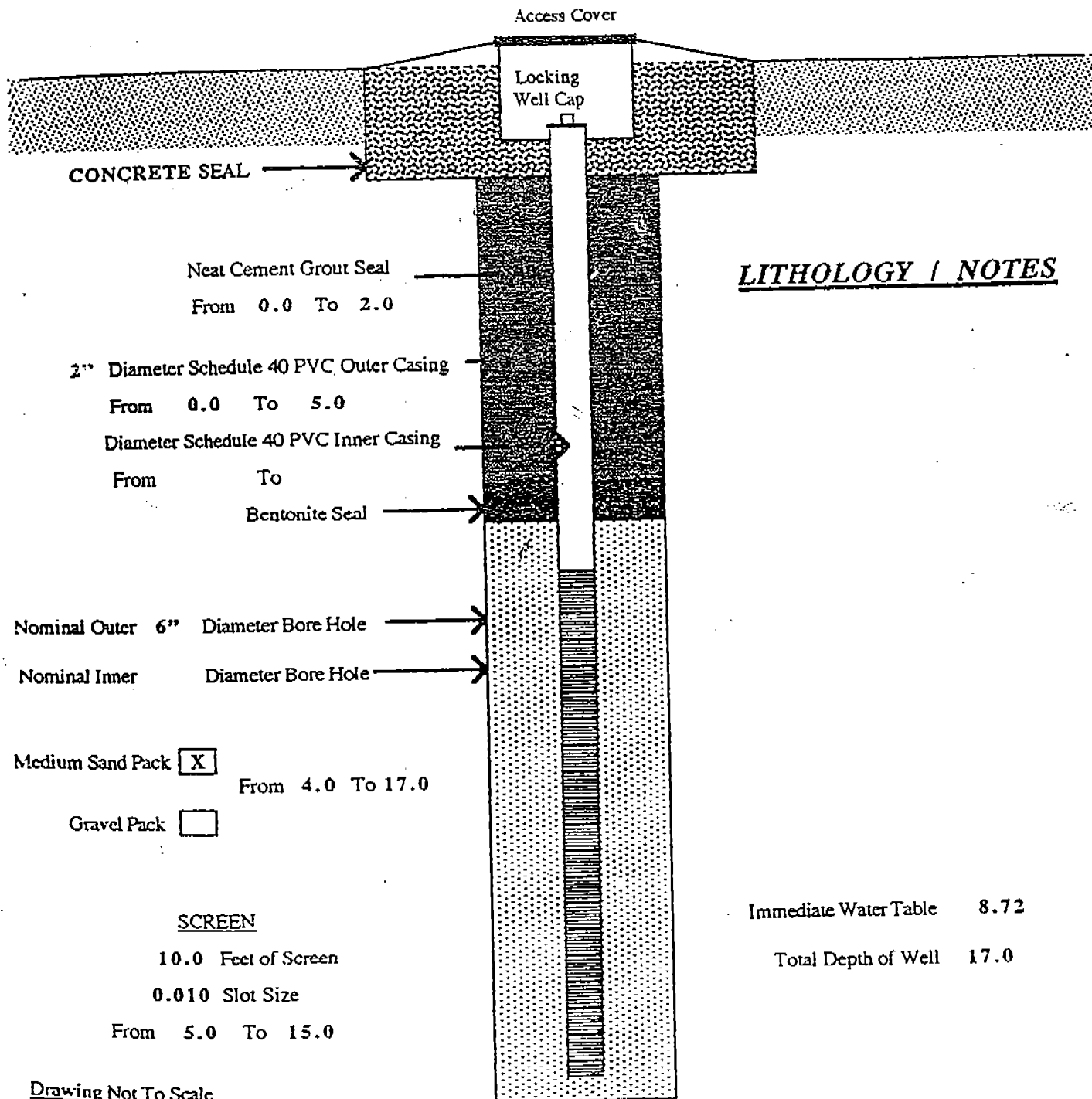
WELL NUMBER: MW-5

INSTALLATION DATE: 9/29/93

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford



North Carolina
Department of Environment and Natural Resources
Division of Water Quality
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

MW-7

WELL ABANDONMENT RECORD

CONTRACTOR BPA Environmental & Engineering, Inc. REG. NO. _____

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: Jamestown County Guilford

106 Main Street, Jamestown, NC

(Road, Community, Subdivision, Lot No.)

Quadrangle No. _____

2. OWNER: Martha Hall

3. ADDRESS: P.O. Box 396, Jamestown, NC 27282

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat
installed

5. USE OF WELL: Monitoring DATE: 1/14/93

6. TOTAL DEPTH: 53.0 DIAMETER: 2-inch PVC

7. CASING REMOVED: None

feet

diameter

8. SEALING MATERIAL:

Neat cement
bags of cement 1
*96 lb. bag of grout
gals. of water 6

Sand cement
bags of cement _____
yds. of sand _____
gals. of water _____

Other

Type material _____

Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

Grout was mixed w/ water. Grout material

was then tremied down a 1-inch PVC pipe
which extended to the bottom of the well.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

See Attached Well Construction Diagram

I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent

J. M. Stewart

Date

1/28/99

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Water Quality, one copy to the Driller, and one copy to the owner.

WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502

PROJECT NUMBER: 11594

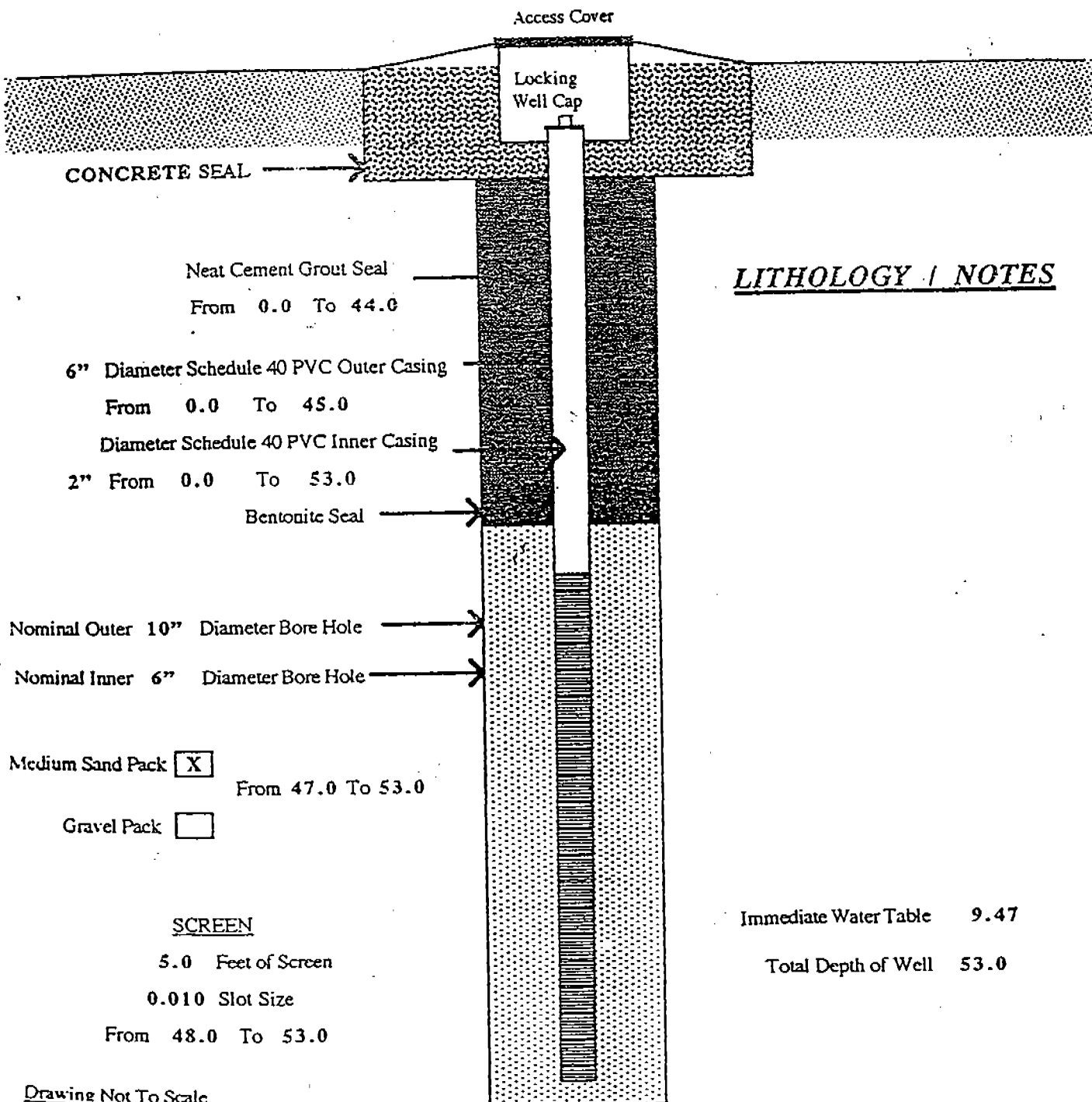
WELL NUMBER: MW-7

INSTALLATION DATE: 1/25/94

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford



Drawing Not To Scale